PATENT	APPLICATION	SERIAL	NO.
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

11/25/2003 FRETEKI1 00000043 501898 10717461

11 FC:1001 770.00 B4 12 FC:1202 72.00 D5 13 FC:1201 86.00 B4 14 FC:1203 290.00 D5 15 FC:1051 130.00 B4

03/29/2004 DTESSEM1 00000124 501898 10717461

01 FC:1202

36.00 DA

PTO-1556 (5/87)

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10717461

CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL ENTITY TYPE		OTHER THAN OR SMALL ENTITY		
TO	OTAL CLAIMS	16	(00.011.11	17 (00		RATE	FEE] 	RATE	FEE
FOR		NUMBER	FILED NUM	IBER EXTRA	BASIC FEE	385.00	OR	BASIC FEE	770.00	
TOTAL CHARGEABLE CLAIMS		26 minus 20= *		6	XS 9=		OR	X\$18=	108	
INDEPENDENT CLAIMS			# minus 3 = *			X43=		OR	X86=	86
MULTIPLE DEPENDENT CLAIM PRESENT						÷145=		1	+290=	30
* If the difference in column 1 is less than zeru, enter "0" in column 2						L		OR	TOTAL	19 (1)
		TOTAL		OR	OTHER	1257 THAN				
		(Column 1)	MENDED - PART II (Column 2) (Column 3)			SMALL	ENTITY	OR	SMALL	
ENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*	Minus	**	=	XS 9=		OR	X\$18=	
AME	Independent	*	Minus	***	=	X43=		OR	X86=	
	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	PENDENT CLAII	M	+145=		OR	+290=	
								OB	TOTAL ADDIT. FEE	
						ADDIT. FEE	***	2	7.0011.1 22	
		(Column 1)		(Column 2)	(Column 3)					
ENT B		CCOlumn 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVICUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY	PRESENT	RATE XS 9=	TIONAL	OR	RATE X\$18=	TIONAL
	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		TIONAL	OR		TIONAL
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	XS 9=	TIONAL	OR	X\$18=	TIONAL
	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	XS 9= -145=	TIONAL FEE	OR OR	X\$18= X86= +290=	TIONAL
	Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** PENDENT CLAI	PRESENT EXTRA	XS 9= -145=	TIONAL FEE	OR	X\$18= X86= +290=	TIONAL
AMENDMENT	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	XS 9= -145=	TIONAL FEE	OR OR	X\$18= X86= +290=	TIONAL
AMENDMENT	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU *Column 1; CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2: HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA = = M Column 3- PRESENT	XS 9= -145= -145= -17AL 4117 FEE	ADDI- TIONAL	OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	TIONAL FEE
AMENDMENT	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * ** *Column 1) CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus JLTIPLE DEF Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** COlumn 2: HIGHEST NUMBER PREVIOUSLY PRIO FOR ** *** ***	PRESENT EXTRA = = M Column 3 PRESENT EYTPA = =	XS 9= A43= -145= -17AL ATTE	ADDI- TIONAL	OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	TIONAL FEE
	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU CLAIMS REMAINING AFTER AMENDMENT *	Minus JLTIPLE DEF Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** COlumn 2: HIGHEST NUMBER PREVIOUSLY PRIO FOR ** *** ***	PRESENT EXTRA = = M Column 3 PRESENT EYTPA = =	XS 9=	ADDI- TIONAL	OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86=	TIONAL FEE
AMENDMENT C AMENDMENT	Independent FIRST PRESE Total Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * ** ** ** ** ** ** ** ** ** ** **	Minus JLTIPLE DEF Minus JLTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2: HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** PENDENT CLAIF *** PENDENT CLAIF *** PENDENT CLAIF ***	PRESENT EXTRA = = M -Column 3 -PRESENT EXTRA	XS 9=	ADDI- TIONAL	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= +290= TOTAL	ADDI-TIONAL FEE
AMENDMENT C AMENDMENT	Independent FIRST PRESE Total Independent FIRST PRESE Independent FIRST PRESE Independent FIRST PRESE Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * *Column 1) * * * * * * * * * * * * *	Minus JLTIPLE DEF Minus JLTIPLE DEF de entry in coludid For "IN THI	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** *** *** *** *** *** ***	PRESENT EXTRA = = M Column 3 PRESENT EXTRA = = M column 3 pan 20, enter "20." pan 3 enter "3"	XS 9= -145= -145= XS 9= XS 9= XS 9= XS 9= XS 9= XDTE	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE X\$18= X86= +290= TOTAL ADDIT FEE	ADDI-TIONAL FEE